

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|-----------------|------------------|---------|------------------|
| L1 | 0 | (maximiz\$7 optimiz\$7) with non\$linear\$3 with (block) and encrypt\$3 | DERWENT | OR | ON | 2005/05/11 17:24 |
| L2 | 0 | (maximiz\$7 optimiz\$7) with non\$linear\$3 with (cipher) and encrypt\$3 | DERWENT | OR | ON | 2005/05/11 17:24 |
| L3 | 56 | (maximiz\$7 optimiz\$7) with non\$linear\$3 with (block) | US-PGPUB; USPAT | OR | ON | 2005/05/11 17:25 |
| L4 | 0 | (maximiz\$7 optimiz\$7) with non\$linear\$3 with block with table | US-PGPUB; USPAT | OR | ON | 2005/05/11 17:25 |
| L5 | 0 | (maximiz\$7 optimiz\$7) with non\$linear\$3 with block with (table box) | US-PGPUB; USPAT | OR | ON | 2005/05/11 17:25 |
| L6 | 8 | (maximiz\$7 optimiz\$7) with non\$linear\$3 with block with (cipher encrypt\$3) | US-PGPUB; USPAT | OR | ON | 2005/05/11 17:25 |
| S1 | 0 | maximal with nonlinear with block with substitution with table | USPAT | OR | ON | 2003/10/28 16:40 |
| S2 | 0 | nonlinear with block with substitution with table | USPAT | OR | ON | 2003/10/28 16:40 |
| S3 | 0 | nonlinear same (block with substitution with table) | USPAT | OR | ON | 2003/10/28 16:41 |
| S4 | 0 | block with substitution with table and "6035042".urpn. | USPAT | OR | ON | 2003/10/28 16:41 |
| S5 | 0 | "6035042".urpn. | USPAT | OR | ON | 2003/10/28 16:41 |
| S6 | 1 | "6035042".pn. | USPAT | OR | ON | 2003/10/28 16:41 |
| S7 | 0 | "6035042".URPN. | USPAT | OR | OFF | 2003/10/28 16:41 |
| S8 | 87 | block with substitution with table | USPAT | OR | ON | 2003/10/29 10:11 |
| S9 | 84 | block with substitution with table not mittenthal.in. | USPAT | OR | ON | 2003/10/28 16:42 |
| S10 | 7 | block with substitution with table AND nonlinear | USPAT | OR | ON | 2003/10/29 10:14 |
| S11 | 3 | substitution with table with nonlinear | USPAT | OR | ON | 2003/10/29 10:15 |
| S12 | 1 | "6201869".URPN. | USPAT | OR | OFF | 2003/10/29 10:17 |
| S13 | 1 | "6201869".URPN. | USPAT | OR | OFF | 2003/10/29 10:18 |
| S14 | 0 | substitution adj table | USPAT | OR | ON | 2004/04/30 10:29 |
| S15 | 523 | substitution adj table | USPAT | OR | ON | 2004/04/30 10:29 |
| S16 | 4 | substitution adj table with nonlinear\$3 | USPAT | OR | ON | 2004/04/30 10:39 |
| S17 | 0 | creat\$3 with substitution adj table same nonlinear\$3 with standard | USPAT | OR | ON | 2004/04/30 10:40 |

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| S18 | 0 | creat\$3 with substitution adj table and nonlinear\$3 with standard | USPAT | OR | ON | 2004/04/30 11:01 |
| S19 | 13 | creat\$3 with substitution adj table | USPAT | OR | ON | 2004/04/30 11:01 |
| S20 | 0 | orthomorph\$4 and encryption | USPAT | OR | ON | 2004/05/02 19:47 |
| S21 | 0 | orthomorph\$4 and cryptography6 | USPAT | OR | ON | 2004/05/02 19:47 |
| S22 | 0 | orthomorph\$4 and cryptography | USPAT | OR | ON | 2004/05/02 19:47 |
| S23 | 0 | orthomorph\$4 and encrypt\$3 | USPAT | OR | ON | 2004/05/02 19:47 |
| S24 | 3 | orthomorph\$4 and encrypt\$3 | USPAT | OR | ON | 2004/05/03 07:52 |
| S25 | 3 | orthomorph\$4 and substitution with table | USPAT | OR | ON | 2004/05/03 07:52 |
| S26 | 9 | ("4195200" "4322577" "4520232" "4685132" "4797921" "4932056" "5038376" "5214704" "5245658").PN. | USPAT | OR | OFF | 2004/05/03 08:23 |
| S27 | 13 | "5214704".URPN. | USPAT | OR | OFF | 2004/05/03 08:24 |
| S28 | 3 | ((substitution with table) or "s-box") same orthomorph\$4 | USPAT | OR | ON | 2004/11/30 17:55 |
| S29 | 0 | ((substitution with table) or "s-box") and orthomorph\$4 not S28 | USPAT | OR | ON | 2004/11/30 17:56 |
| S30 | 0 | ((substitution with table) or "s-box" or "s-boxes") and orthomorph\$4 not S28 | USPAT | OR | ON | 2004/11/30 17:56 |
| S31 | 1 | "6182216".pn. | USPAT | OR | ON | 2004/11/30 17:59 |
| S32 | 4 | ("5038376" "5214704" "5317639" "5647001").pn. | USPAT | OR | OFF | 2004/11/30 18:02 |
| S33 | 3 | bar with sinister | USPAT | OR | OFF | 2004/11/30 18:03 |
| S34 | 3 | maxim\$7 with non\$linear\$3 with ((substitution near table) s-box) | US-PGPUB; USPAT | OR | ON | 2005/05/11 15:59 |
| S35 | 4 | maxim\$7 with non\$linear\$3 same ((substitution near table) s-box) | US-PGPUB; USPAT | OR | ON | 2005/05/11 15:39 |
| S36 | 1 | maxim\$7 with non\$linear\$3 same ((substitution near table) s-box) not S34 | US-PGPUB; USPAT | OR | ON | 2005/05/11 15:39 |
| S37 | 11 | (US-5038376-\$ or US-5214704-\$ or US-5317639-\$ or US-5647001-\$ or US-6182216-\$ or US-6201869-\$ or US-6243470-\$ or US-6246768-\$ or US-6304657-\$ or US-6415030-\$ or US-6570989-\$).did. | USPAT | OR | OFF | 2005/05/11 15:40 |
| S38 | 7 | S37 and maxim\$7 | US-PGPUB; USPAT | OR | OFF | 2005/05/11 15:40 |
| S39 | 3 | maxim\$7 with non\$linear\$3 and S37 | US-PGPUB; USPAT | OR | ON | 2005/05/11 15:43 |

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| S40 | 1 | maxim\$7 and "5317639".pn. | US-PGPUB; USPAT | OR | ON | 2005/05/11 15:43 |
| S41 | 16 | maxim\$7 with ((substitution near table) s-box) | US-PGPUB; USPAT | OR | ON | 2005/05/11 15:46 |
| S42 | 13 | maxim\$7 with ((substitution near table) s-box) not S35 | US-PGPUB; USPAT | OR | ON | 2005/05/11 15:59 |
| S43 | 41 | maxim\$7 with ((substitution near table) s\$box) | US-PGPUB; USPAT | OR | ON | 2005/05/11 15:59 |
| S44 | 1 | maxim\$7 with non\$linear\$3 with ((substitution near table) s\$box) | US-PGPUB; USPAT | OR | ON | 2005/05/11 15:59 |
| S45 | 1 | maxim\$7 with non\$linear\$3 with ((substitution near (box table)) s\$box) | US-PGPUB; USPAT | OR | ON | 2005/05/11 16:09 |
| S46 | 0 | optimiz\$7 with non\$linear\$3 with ((substitution near (box table)) s\$box) | US-PGPUB; USPAT | OR | ON | 2005/05/11 16:10 |
| S47 | 3 | optimiz\$7 with ((substitution near (box table)) s\$box) same non\$linear\$3 | US-PGPUB; USPAT | OR | ON | 2005/05/11 16:12 |
| S48 | 0 | (maximiz\$7 optimiz\$7) with non\$linear\$3 with ((substitution near (box table)) s\$box) | US-PGPUB; USPAT | OR | ON | 2005/05/11 16:13 |
| S49 | 13 | (maximiz\$7 optimiz\$7) with non\$linear\$3 with (DES) | US-PGPUB; USPAT | OR | ON | 2005/05/11 16:14 |
| S50 | 4 | (maximiz\$7 optimiz\$7) with non\$linear\$3 with encrypt\$3 | US-PGPUB; USPAT | OR | ON | 2005/05/11 16:15 |
| S51 | 9 | (maximiz\$7 optimiz\$7) with non\$linear\$3 with substitut\$3 | US-PGPUB; USPAT | OR | ON | 2005/05/11 16:18 |
| S52 | 33 | (maximiz\$7 optimiz\$7) with non\$linear\$3 with table | US-PGPUB; USPAT | OR | ON | 2005/05/11 16:18 |
| S53 | 1 | (maximiz\$7 optimiz\$7) with non\$linear\$3 with (table box) and encrypt\$3 | US-PGPUB; USPAT | OR | ON | 2005/05/11 16:53 |
| S54 | 0 | (maximiz\$7 optimiz\$7) with non\$linear\$3 with (table box) and encrypt\$3 | DERWENT | OR | ON | 2005/05/11 17:24 |
| S55 | 7 | mittenenthal.in. | DERWENT | OR | ON | 2005/05/11 16:53 |